Riptide Science Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Anticipation Reaction Guide Block\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**An anticipation Guide is a pre reading strategy designed to give you a purpose for reading.**

**Directions**

**First:** Read each statement below, *silently* to yourself. Decide if you think it is true or false and write it in the space **before** the statement.

**Second:** Wait for the teacher. We are going to discuss this a bit and then partner read pages 16 to 21 in your book. We will then determine if the statements are true or false based on the reading.

**Last:** Rewrite any false statements on the back of the paper!

**Before Reading After Reading**

1. \_\_\_\_\_\_\_\_\_\_\_\_ We have only known about magnets for a few years. \_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_ Magnets can be found in many electronic devices, including TV’s. \_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_ All Magnets have both a north and a south pole. \_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_\_\_\_\_Magnets only exert magnetic forces at the poles. \_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. \_\_\_\_\_\_\_\_\_\_\_\_Magnetic maps show the forces from a magnet. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. \_\_\_\_\_\_\_\_\_\_\_\_ Aluminum is a ferromagnetic material. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. \_\_\_\_\_\_\_\_\_\_\_\_ Matter is made up of atoms. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. \_\_\_\_\_\_\_\_\_\_\_\_ an atoms nucleus contains protons and electrons. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
9. \_\_\_\_\_\_\_\_\_\_\_\_ All materials contain magnetic fields. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
10. \_\_\_\_\_\_\_ Magnetism is due to protons spinning outside of the atom. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
11. \_\_\_\_\_\_\_ Breaking a magnet in two destroys it. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
12. -\_\_\_\_\_\_\_ All magnetic materials have highly organized areas, called sections. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
13. \_\_\_\_\_\_\_\_ You can make an iron material magnetic easily. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_